MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

QC
990
.L4
M6
1954

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JANUARY 1954

GIORGIO CONTINO, ACTING DIRECTOR

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JANUARY 1954
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	61.1	60.8	61.6	61.2	17.4	10.7	15.0	16.5	14.3	15.3
2	62.5	61.2	61.1	61.6	14.7	11.3	11.9	12.8	12.8	12.5
3	62.0	60.5	61.2	61.2	15.5	9.4	12.3	15.3	14.1	13.9
4	61.8	61.1	62.1	61.7	11.7	8.3	9.8	10.8	11.5	10.7
5	64.5	63.5	63.7	63.9	16.2	10.6	11.3	15.9	12.9	13.4
6	64.0	62.8	63.5	63.4	15.7	13.0	12.7	15.6	13.9	14.1
7	62.8	58.2	57.5	59.5	19.2	15.1	13.9	16.7	19.2	16.6
8	59.7	59.5	62.5	60.6	17.6	12.4	16.4	16.3	15.1	15.9
9	64.4	63.1	61.9	63.1	16.5	12.4	13.7	15.9	12.8	14.1
10	57.4	55.3	55.9	56.2	15.8	8.7	14.1	14.4	11.1	13.2
11	55.1	55.4	56.4	55.6	14.2	10.3	8.3	12.1	13.6	11.3
12	60.5	59.9	60.1	60.2	14.3	10.6	12.8	12.5	14.3	13.2
13	66.0	66.3	67.4	66.6	12.1	7.0	11.3	11.0	9.6	10.6
14	66.8	64.8	65.4	65.7	12.2	9.1	8.6	11.9	9.9	10.1
15	65.5	65.4	66.3	65.7	14.6	10.4	11.2	14.1	12.9	12.7
16	68.5	67.9	68.5	68.3	15.5	9.8	12.4	15.5	11.7	13.2
17	67.6	66.4	65.5	66.5	15.6	10.4	11.2	15.5	12.4	13.0
18	64.9	64.4	65.2	64.8	15.1	10.7	12.5	14.5	11.4	12.8
19	64.8	62.1	60.5	62.5	16.4	11.9	13.7	15.9	14.3	14.6
20	58.6	58.8	60.0	59.1	13.2	7.6	12.9	11.4	10.9	11.7
21	63.2	62.7	63.2	63.0	13.7	9.7	9.7	10.0	12.3	10.7
22	62.2	61.7	62.1	62.0	15.6	13.2	13.8	15.0	14.9	14.6
23	61.8	61.0	61.6	61.5	15.6	11.7	14.4	15.0	12.5	14.0
24	61.5	60.6	61.3	61.1	15.4	12.1	11.9	15.0	13.9	13.6
25	62.2	61.6	61.5	61.8	14.7	11.2	13.1	12.1	11.9	12.4
26	60.8	59.6	58.9	59.8	16.7	11.9	14.7	16.1	15.3	15.4
27	58.7	59.2	60.9	59.6	13.6	9.9	12.4	13.1	12.2	12.6
28	63.5	63.5	64.2	63.7	14.0	9.6	11.1	13.2	10.8	11.9
29	60.8	56.9	60.1	59.3	19.6	11.3	11.3	19.0	13.6	14.6
30	61.9	61.8	63.7	62.5	16.5	11.8	12.4	15.0	13.0	13.5
31	55.9	65.1	65.1	65.4	16.5	11.7	13.8	16.3	13.9	14.7
	62.61	61.65	62.22	62.16	15.34	10.77	12.41	14.36	13.00	13.25

Barometer, range for month 768.5 mm. — 755.1 mm.
„ 71-yr. average for month 763.184 mm.
Thermometer, range for month 19.6°C — 7.0°C
„ 71-yr. average for month 13.72°C
Rain total for month 247. 66mm.
„ 71-yrs average for month 190.28 mm.
„ Total, Sept. 1st. to end of month 608. 61mm.
„ 71-yrs. average. Sept. 1st. to end of month 564.55mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	12.0	10.2	9.6	10.6	69	55	59	61	7.5	636.0	5.59
2	12.3	11.9	11.9	12.0	91	80	80	84	1.1	900.0	30.74
3	11.4	10.6	9.2	10.4	80	63	60	68	5.7	658.0	5.08
4	11.4	12.3	12.3	12.0	93	96	89	93	0.0	391.0	33.35
5	9.6	12.1	10.5	10.7	71	64	74	70	6.7	206.0	8.64
6	10.1	10.6	11.5	10.7	68	61	71	67	7.5	388.0	0.25
7	11.0	12.1	9.4	10.8	69	65	43	59	6.2	164.0	0.25
8	14.1	15.1	11.1	13.4	78	83	67	76	0.5	607.0	2.03
9	10.5	12.1	11.0	11.2	66	64	74	68	8.6	185.0	
10	10.1	7.8	11.8	9.9	63	49	89	67	2.7	1259.0	6.86
11	9.7	11.9	10.5	10.7	91	83	70	81	0.4	1370.0	38.86
12	9.6	11.9	12.0	11.2	66	83	75	75	2.3	856.0	24.89
13	8.3	7.9	5.6	7.3	65	61	48	58	7.6	406.0	2.03
14	4.9	6.6	5.9	5.8	47	49	48	48	9.4	97.0	
15	5.8	9.2	7.4	7.5	45	59	51	52	9.4	172.0	
16	6.2	10.6	9.2	8.7	45	60	66	57	9.1	150.0	
17	7.1	10.1	8.3	8.5	54	57	59	57	9.2	114.0	
18	5.8	10.1	10.1	8.7	42	61	75	59	9.5	200.0	
19	11.0	11.1	9.6	10.6	69	60	60	63	2.7	977.0	
20	7.0	7.9	5.8	6.9	49	61	44	51	3.5	943.0	17.01
21	7.2	10.5	8.7	8.8	63	87	61	70	3.0	351.0	3.81
22	12.4	14.0	12.5	13.0	78	82	73	78	0.3	512.0	4.32
23	12.9	13.0	12.8	12.9	78	76	91	82	0.0	460.0	3.56
24	11.9	11.5	11.9	11.8	87	68	75	77	2.2	499.0	6.86
25	11.9	13.3	11.4	12.2	77	95	84	85	0.0	488.0	23.62
26	11.5	12.6	11.1	11.7	70	68	62	67	6.5	665.0	0.25
27	11.9	9.2	7.9	9.7	83	59	55	66	1.5	581.0	11.18
28	8.3	8.7	8.8	8.6	64	54	69	62	9.3	224.0	
29	8.8	6.1	10.5	8.5	68	29	68	55	5.9	740.0	3.81
30	12.8	13.0	12.4	12.7	91	76	84	84	1.7	320.0	13.47
31	11.9	13.6	12.9	12.8	75	72	81	76	8.5	137.0	1.02
	9.98	10.89	10.12	10.33	69.5	67.1	67.9	68.3	4.79	505.03	7.99

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	2cu	4cu-st	2st	2.7	2s	3sw	3nw	slight	
2	10st-ni	10ni	5cu-ni	8.3	2s	4w	4w	rough	
3	9cu-st	7cu-st	2cu-ni	6.0	1sw	3w	3w	mod.	
4	10ni	10st-ni	10ni	10.0	3se	2se	1w	slight	
5	3cu-ci	10cu-st	10st-ni	7.7	1s	1w	1w	light	
6	10cu-ni	9ci	10st	9.7	1s	2sw	1ne	light	
7	9cu-st	10ci-st	10st	9.7	1s	1ne	2sw	,,	
8	8ci-st	10st-ni	8st	8.7	3sw	3w	3sw	slight	H., a.m.
9	2cu	7cu-st	0	3.0	1se	1w	1sw	,,	H., a.m.
10	10st	10st-ni	10ni	10.0	2s	5sw	5sw	rough	
11	10ni	10ni	10st-ni	10.0	4sw	4sw	5sw	rough	
12	6cu-ni	9cu-ni	9cu-ni	8.0	3sw	4sw	4s	,,	G., at night
13	5cu-ni	6cu	0	3.7	3nw	4n	2ne	,,	
14	0	0	0	0.0	1e	1ne	1ne	light	
15	0	0	0	0.0	1se	1ne	1ne	,,	
16	0	0	0	0.0	1s	1nw	1ne	light	
17	2ci	10ci	10ci	7.3	1e	1nw	1e	,,	
18	0	0	0	0.0	1s	1ne	1se	,,	H., a.m.D.,a.m.p.m.
19	10cu-st	10st	10st	10.0	1sw	3sw	3sw	,,	D., a.m.
20	9cu-ni	10cu-ni	8cu-ni	9.0	4sw	4sw	4sw	rough	
21	6cu	10cu-ni	8cu-ni	8.0	2sw	1sw	2w	slight	
22	10cu-ni	10st-ni	10st-ni	10.0	1sw	3w	1w	,,	
23	10st-ni	10st-ni	10st-ni	10.0	2sw	3sw	1sw	light	
24	10ni	6st-ni	10st	8.7	2w	2s	2s	,,	
25	10ni	10ni	10st-ni	10.0	2sw	1e	1sw	,,	
26	8cu-ci	10cu-ci	10cu-ni	9.3	2sw	3sw	2sw	light	
27	10ni	9cu-st	7st	8.7	3w	3w	3w	mod.	
28	1cu	0	0	0.3	2se	1w	1w	light	
29	9ci-st	10ci-st	10st-ni	9.7	1e	3sw	2sw	,,	D., a.m.
30	10ni	10cu-ni	10cu-ni	10.0	2sw	2sw	1sw	,,	
31	10cu-ci	3cu-ci	10st	7.7	1s	1w	1s	,,	
	mean			6.97					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	3	5	8	12	2	1	0	31
14:30	1	4	1	1	1	12	9	2	0	31
20:30	0	5	1	1	3	12	8	1	0	31
Total	1	9	5	7	12	36	19	4	0	93

Number of days with rain 23, fog 0, thunderstorms 0, gale 1.
71 yr. av. number of days with rain during month 15.67